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6273

**James Galen's**



**First Annual Catalogue**

**OF**

**NORTH AMERICAN**

**HERBACEOUS PLANTS,**

**ORCHIDS, SHRUBS, CLIMBERS,**

**ALPINE, AQUATIC, AND BOG PLANTS,**

**RARE FERNS, &c.**

**FOR**

**1882.**

**Rawlinsville, Pa.**

**United States of America.**

## THE ANTIQUARIAN.

The reader will probably say "this does not refer to me, but to some heirloom who has stowed away in a garret or in old chests a lot of musty parchments, bags of ancient coins, or perhaps mummies, old armor and such trash." But this is looking altogether too far from home, there are scarcely any of us who are no more or less antiquarians.

The taste for mementoes with old associations is instilled into us from our earliest recollection. The child hears from its mother's lips, "This was grandmother's rocking chair," or "that house was our old home," and thus we are filled with the inspiration of antiquity. As we advance in years the desire to know more of our early history and of the world we live in increases, and every production of nature or art becomes of interest in teaching us what has been done in the past, and what may be done in the future.

We first acquire knowledge through our organs of sense, and from our parents and companions, after that from books and the examination of everything within our reach. From books alone, especially when illustrated, we can obtain information of nearly everything, but it requires the actual examination of a large variety of objects to give us a practical knowledge. Suppose we wish to study Geology or Botany how much faster we progress when we are able to examine the rocks or the plants themselves, either in their natural state or made up into a collection.

Whoever has commenced such a collection through it be only dried leaves, shells, or even a few pictures or items of interest cut from newspapers, has com-

menced to be an antiquarian, and to this class of persons we owe all that we know of our past history.

But there is a great difference among collectors, all do not deserve the same credit. Some make a collection because it is something they are investigating, and hope by comparing notes with other collectors to obtain a full knowledge of, and perhaps make new discoveries. Some collect paintings, engravings, statuary, a library of books or some class of curiosities, hoping to develop in their children a taste for literature and art. Either of these objects are praise-worthy, while others collect simply for the amusement of acquisition, their chief pleasure seems to be in getting something better than any one else has. Even these however are harmless people for they soon tire of their collection, and then it divided among those who will make a better use of it.

In searching for relics of antiquity the earliest traces we can find are minerals, fossils and shells. Through these we are able to discover the different stages our planet has passed through since its formation, which is a very interesting study, but not so important as the history of our race, of which the oldest records we have are parchment histories, traditions, monuments and ruins covered with inscriptions, some of the Egyptians hieroglyphics being 3500 years old.

Approaching this remote period we have the use of coins for purposes of exchange in place of the more awkward method of exchanging one commodity for another. From that time to the present nearly every country in the world has had its coinage and a good

*(Continued on third page of cover.)*

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# INTRODUCTION.

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In presenting my Catalogue of North American Plants for 1882, for the first time, I will be thankful for a share of your patronage this season. The Plants named in this Catalogue were collected from the Susquehanna or Martic Hills, in Lancaster Co., Pa., during season of 1881. My specimens are ready for Herbariums, neatly mounted on heavy white book paper with neat printed labels attached.

\*\*\* Figures 1, 2, and 3 placed after the Botanical name denotes annual, biennial and perennial respectively. Plants marked with a dagger, (†) in the Common Name column, denotes that those plants are medicinal.

In ordering please give the number or the Botanical Name. The Common Names are given to assist those in selecting, who are not acquainted with the Botanical Names.

Will take in exchange all specimens of plants not named in this Catalogue, and will furnish live Perennial Plants, Ferns, small Shrubs and Trees at the same rate as dry specimens, postage or Express charges at the expense of the purchaser.

COLLECTORS of Native Plants are respectfully invited to put themselves in communication with me.

## Terms.

All bills will be due on receipt of the plants, unless by other agreements. Small orders should be accompanied by cash.

Money may be sent in Registered Letters to Rawlinsville, Pa., or by Post-Office Orders upon the Postmaster at Lancaster, Pa.

FOREIGN Remittances may be sent by International Post-Office Orders, payable at Lancaster, Pa. U. S. A.

30 per cent discount on 100 specimens, of one or more varieties.

50        "        "        500        "        "        "        "

25 varieties of FERNS for \$1.

Address all communications to  
Lancaster Co.,

JAMES GALEN,  
RAWLINSVILLE, Pa

# HERBACEOUS PLANTS:

NAME.	COMMON NAME.	PRICE
1 Abutilon Avicennæ, 1* <i>Gærtner,</i>	VELVET-LEAF.	05
2 Acalypha Virginica, 1... <i>Linnæus,</i>		03
3 Achillea Millefolium, 3* .....	YARROW. †*	03
4 Actæe alba, 3 .....	BANE-BERRR.	05
5 Agrimonia Eupatoria, 3 <i>Linnæus,</i>	AGRIMONY. †	03
6 Agrostemma Githago, 1 .....	COCKLE.	03
7 Aletris farinosa, 3 .....	COLIC-ROOT.	05
8 Ambrina anthelmintica, 3 <i>Spach.</i>	WORMSEED.	03
9 Ambrosia trifida, 1 .....	GREAT RAG-WEED.	04
10     "   artemisiæfolia, 1 .....	RAG-WEED.	03
11 Anemone nemorosa, 3 .....	WOOD ANEMONE.	03
12     "   Virginiana, 3 .....	THIMBEL WEED.	04
13 Antennaria plantaginifolia, 3 <i>Hooker,</i>		04
14 Apocynum androsæmifolium 3 <i>Linn.</i>	DOGBANE. †	04
15     "   cannabinum, 3 .....	INDIAN HEMP.	04
16 Aquilegia Canadensis, 3 .....	WILD COLUMBINE.	03
17 Arabis Canadensis, 1-2* .....	SICKLE-POD.	04
18     "   hevigata, 1-2 <i>De Candolle,</i>	SMOOTH CRESS.	04
19 Aralia racemosa, 3 .....	SPIKENARD, &c. †	05
20     "   nudicaulis, 3 .....	SARSAPARILLA. †	05
21     "   quinquefolia, 3 .....	GINSENG. †	08
22     "   trifolia, .....	DWARF GINSENG.	03
23 Arenaria serpyllifolia, 1 .....	THYME SANDWORT.	03
24 Aristolochia Serpentina, 3 .....	SNAKEROOT. †	03
25 Arsæma triphyllum, 3 .....	INDIAN TURNIP. †	04
26     "   Dracontium, 3 <i>Schott,</i>	GREEN DRAGON.	05
27 Asarum Canadense, 3 .....	COLTS-FOOT, &c. †	04
28 Asclepias Cornuti, 3.... <i>Decaisne,</i>	MILKWEED. †	04
29     "   phytolaccoides, 3 <i>Pursh.,</i>	POKE .....	04
30     "   quadrifolio, <i>Jacquin,</i>	4 LEAVED .....	04
31     "   incarnata, .... <i>Linnæus,</i>	SWAMP .....	04
32     "   verticillata, .....	WHORLED .....	05
33     "   tuberosa, .....	PLEURISY-ROOT. †	03

# HERBACEOUS PLANTS.

NAME.		COMMON NAME.	PRICE
34	<i>Ascyrum Crux-Andree</i> , 3 <i>Linn.</i> ,	ST. ANDREW'S CROSS.	05
35	<i>Aster macrophyllus</i> , 3 . . . . . "	LARGE-LEAVED ASTER.	04
36	" <i>cordifolius</i> , 3 . . . . . "	HEART " "	04
37	" <i>dumosus</i> , 3 . . . . . "	BUSHY " "	04
38	" <i>Tradescanti</i> , 3 . . . . . "	NARROW " "	05
39	" <i>miser</i> , 3 . . . . . "	INCONSPICUOUS " "	05
40	" <i>Novæ-Angliæ</i> , 3 . . . . . "	MEW ENGLAND " "	04
41	" <i>corymbosus</i> , 3 . . . . . <i>Ait.</i> ,	CORYMBED " "	04
42	" <i>patens</i> , 3 . . . . . "	SPREADING " "	04
43	" <i>sagittifolius</i> , 3 . . . . . <i>Willd.</i>	ARROW-LEAVED " "	05
44	" <i>simplex</i> , 3 . . . . . "	WILLOW " "	05
45	" <i>prenanthoides</i> , 3 . . . . . <i>Muhl.</i>	TOOTHED " "	04
46	" <i>graminifolius</i> , 3 . . . . . <i>Pursh.</i>	GRASSY " "	05
47	<i>Baptisia tinctoria</i> , 3 . . . . . <i>R. Brown</i> ,	WILD INDIGO. †	04
48	<i>Barbarea vulgaris</i> , 2-3 " "	WINTER CRESS, &c.	04
49	<i>Ridens frondosa</i> , 1 . . . . . <i>Linnaeus</i> ,	BEGGER-TICKS.	04
50	" <i>cernua</i> , 1 . . . . . "	BURR-MARIGOLD.	04
51	" <i>bipinnata</i> , 1 . . . . . "	SPANISH NEEDLES.	04
52	" <i>connata</i> , 1 . . . . . <i>Muhl.</i>	SWAMP BEGGER-TICKS	04
53	" <i>chrysanthemoides</i> , 1 <i>Michx.</i>		04
54	<i>Blephilia ciliata</i> , 3 . . . . . <i>Raf.</i>		08
55	" <i>hirsuta</i> , 3 . . . . . <i>Benth.</i>		08
56	<i>Boehmeria cylindrica</i> , 3 . . . . . <i>Willd.</i>	FALSE NETTLE,	03
57	<i>Bromus secalinus</i> , 1 . . . . . <i>Linn.</i>	CHEAT OR CHES.	04
58	<i>Caltha palustris</i> , 3 " "	MARSH MARIGOLD.	06
59	<i>Campanula rotundifolia</i> , 3 . . . . . "	HAREBELL.	05
60	" <i>Americana</i> , 3 . . . . . "	TALL BELL-FLOWER.	05
61	" <i>aparinoides</i> , . . . . . <i>Pursh</i>	SLENDER " FLOWER.	04
62	<i>Cannabis sativa</i> , 1 . . . . . <i>Linn.</i>	HEMP.	05
63	<i>Capsella Bursa-pastoris</i> , 1 <i>Mæench.</i>	SHEPHERD'S PURSE.	06
64	<i>Carex vulpinoidea</i> , 3 . . . . . <i>Michx</i>	SEDGE	04
65	" <i>triceps</i> , 3 . . . . . "		04
66	" <i>Pennsylvanica</i> , 3 <i>Lamarek</i> ,		04



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NAME.	COMMON NAME.	PRICE
67 Carex sparganioides, 3 . . . . Muhl.		04
68 „ cephalophora, 3 . . . . . „		04
69 „ digitalis, 3 . . . . . Willd.		04
70 „ Shortiana, 3 . . . . . Dewey,		04
71 Cassia Marilandica, 3 . . . . . Linn.	WILD SENNA. †	05
72 „ Chamæcrista, 1 . . . . . „	PARTRIDGE PEA.	05
73 „ nictitans, 1 . . . . . „		04
74 Centaurea Cyanus, 1 . . . . . „	BLUE-BOTTLE.	04
75 Cerastium viscosum, 2 . . . . . „		05
76 Cinnicifuga, 3 . . . . . Ell.	B. SNAKE-ROOT. †	05
77 Circea Lutetiana, 3 . . . . . Linn.		04
78 „ alpina, 3 . . . . . „		05
79 Cirsium lanceolatum, 2 . . . . Scop.	THISTLE.	04
80 „ arvense, 3, . . . . . „	CANADA THISTLE.	05
81 Chelidonium majus, 3 . . . . . Linn.		04
82 Chelone glabra, 3 . . . . . „	SNAKE-HEAD. †	05
83 Chenopodium album, 1 . . . . . „	LAMB'S QUARTERS.	04
84 „ glaucum, 1 . . . . . „		04
85 Chimaphila umbellata, 3 . . . . Nutt.	PIPSISSEWA, &c.	05
86 „ maculata, 3 . . . . . Pursh.	WINTERGREEN,	05
87 Claytonia Virginica, 3 . . . . Linn.	SPRING-BEAUTY.	05
88 Cochlearia Armoracia, 3 . . . . . „	HORSE-RADISH.	04
89 Collinsonia Canadensis, 3 . . . . „	HORSE-BALM.	05
90 Conium maculatum, 2 . . . . . „	POISON HEMLOCK	06
91 Conoclinium coelestinum, 3 . . . . DC.	MIST-FLOWER.	06
92 Corydalis aurea, 2 . . . . . Willd.		05
93 „ glauca, 2 . . . . . Pursh.		05
94 Crotalaria sagittalis, 1 . . . . Linn.	RATTLE-BOX.	04
95 Cryptotaenia Canadense, 3 . . . . DC.	HONEWORT.	05
96 Cunila Mariana, 3 . . . . . Linn.	DITTANY.	04
97 Cuphea viscosissima, 1 . . . . Jacq.		04
98 Cynoglossum officinale, 2 . . . . Linn.	HOUND'S-TONGUE	05
99 „ Morisoni, 1 . . . . . DC.	BEGGER'S LICE.	04

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NAME.			COMMON NAME.	PRICE
100	<i>Dactylis glomerata</i> , 3 . . . .	<i>Linn.</i>	ORCHARD GRASS.	04
101	<i>Datura Stramonium</i> , 1 . . . . .	„	THORN-APPLE, †	04
102	<i>Daucus Carota</i> , 2 . . . . .	„	COMMON CARROT.	04
103	<i>Delphinium exaltatum</i> , 3 . . . .	<i>Ait.</i>	TALL LARKSPUR.	04
104	„ <i>azureum</i> , 3	<i>Michx.</i>	AZURE „	05
105	<i>Dentaria laciniata</i> , 3 . . . .	<i>Muhl.</i>	TOOTHWORT, &c.	05
106	<i>Desmodium nudiflorum</i> 3	<i>DC.</i>		04
107	„ <i>acuminatum</i> , 3	„		04
108	„ <i>pauciflorum</i> , 3	„		04
109	„ <i>Canadense</i> , 3	„		04
110	„ <i>paniculatum</i> , 3	„		04
111	„ <i>cuspidatum</i> , 3	<i>Torr. &amp; Gr.</i>		04
112	„ <i>sessilifolium</i> , 3	„		04
113	<i>Dianthera Americana</i> , 3	<i>Linn.</i>		05
114	<i>Dicentra Cucullaria</i> , 3 . . . . .	<i>DC.</i>	DUTCHMAN'S BR.	05
115	<i>Diodia teres</i> , 1 . . . . .	<i>Walt.</i>	BUTTON-WEED.	04
116	<i>Dipsacus sylvestris</i> , 2 . . . .	<i>Mill.</i>	WILD TEASEL.	04
117	<i>Echinospermum Lappula</i> ,	<i>Lehm.</i>	TICKSEED.	04
118	<i>Eleocharis obtusa</i> , 3	<i>Schultes,</i>	SPIKE-RUSH.	04
119	<i>Elymus Canadensis</i> , 3 . . . .	<i>Linn.</i>	WILD RYE.	04
120	<i>Epiphegus Virginiana</i> , . . . .	<i>Bart.</i>	BEECH-DROPS. †	05
121	<i>Epigæa repens</i> , 3 . . . . .	<i>Linn.</i>	MAYFLOWER, &c.	04
122	<i>Epilobium palustre</i> , 3 . . . . .	„		05
123	„ <i>coloratum</i> , 3	<i>Muhl.</i>		05
124	<i>Equisetum arvense</i> , 1 . . . .	<i>Linn.</i>	SCOURING RUSH.	04
125	<i>Erechthites hiercifolia</i> , 1 . . . .	<i>Raf.</i>	FIREWEED.	05
126	<i>Erigeron Canadense</i> , 1-2	<i>Linn.</i>	BUTTER-WEED.	05
127	„ <i>Philadelphicum</i> , 3	„	PUR. FLEABANE.	04
128	„ <i>bellidifolium</i> , 3	<i>Muhl.</i>	ROBIN'S PLANT.	05
129	„ <i>strigosum</i> , 2 . . . . .	„		04
130	„ <i>annuum</i> , 1 . . . . .	<i>Pers.</i>	DAISY FLEABANE.	04
131	<i>Erythronium Americanum</i> ,	<i>Smith.</i>		05
132	<i>Eupatorium purpureum</i> , 3	<i>Linn.</i>	TRUMPET-WEED.	05

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NAME.			COMMON NAME.	PRICE
133	<i>Eupatorium perfoliatum</i> , 3	<i>Linn.</i>	BONESET, &c. †	04
134	„ <i>ageratoides</i> , 3	„	W. SNAKE-ROOT.	04
135	<i>Euphorbia Darlingtonii</i> , 3			04
136	„ <i>corollata</i> , 3	..... „		04
137	„ <i>maculata</i> , 1	..... „	SPOTTED SPURGE.	05
138	„ <i>hypericifolia</i> , 1	„		05
139	<i>Fagopyrum esculentum</i> , 1	<i>Mæneh.</i>	BUCKWHEAT.	04
140	<i>Fragaria Virginica</i> , 3	.... <i>Ehrh.</i>	STRAWBERRY.	04
141	„ <i>vesca</i> , 3	..... <i>Linn.</i>	„	04
142	<i>Galeopsis Tetrahit</i> , 1-2	..... „	HEMP-NETTLE.	04
143	<i>Galium Aparine</i> , 1	..... „	CLEAVERS, &c. †	04
144	„ <i>trifidum</i> , 3	..... „	SMALL BEDSTRAW	04
145	„ <i>triflorum</i> , 3	..... <i>Michx.</i>		04
146	„ <i>circæans</i> , 3	..... „	WILD LIQUORICE.	05
147	<i>Gualtheria procumbens</i> , 3	<i>Linn.</i>	WINTERGREEN, †	05
148	<i>Geranium maculatum</i> , 3	.... „	CRANESBILL. †	04
149	„ <i>Robertianum</i> , 2	„	HERB ROBERT.	04
150	<i>Gerardia flava</i> , 3	..... „	FALSE FOXGLOVE	04
151	„ <i>purpurea</i> , 1	..... „	PURPLE GEARDIA	04
152	<i>Geum Virginianum</i> ,	..... 3 „	WHITE AVENS,	04
153	<i>Gillenia trifoliata</i> , 3	..... <i>Mæneh.</i>	INDIAN PHYSIC. †	05
154	<i>Gnaphalium polyccephalum</i> , <i>Michx.</i>		EVERLASTING. †	04
155	„ <i>uliginosum</i> , 1	<i>Linn.</i>	LOW CUDWEED.	05
156	<i>Hedeoma pulegioides</i> , 1	.... <i>Pers.</i>	PENNYROYAL. †	05
157	<i>Hedyotis cærulea</i> , 3-2	.... <i>Hook.</i>	BLUETS.	04
158	<i>Helenium autumnale</i> , 3	.... <i>Linn.</i>	SNEEZE-WEED.	05
159	<i>Helianthus strumosus</i> 3	.... „		05
160	„ <i>tuberosus</i> , 3	.... „	ARTICHOKE.	04
161	<i>Helonius bullata</i> , 3	..... „	STUD-FLOWER.	05
162	<i>Hepatica triloba</i> , 3	..... <i>Chaix.</i>	LIVER-LEAF. †	04
163	<i>Heracleum lanatum</i> , 3	..... <i>Michx.</i>	COW-PARNIP. †	04
164	<i>Heuchera Americana</i> , 3	.... <i>Linn.</i>	Alum-ROOT.	05
165	<i>Hibiscus Trionum</i> , 1	..... „	BLADDER KETMIA	05

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NAME.			COMMON NAME.	PRICE
166	Hieracium	scabrum 3 .... Michx.	R. HAWKWEED.	04
167	"	venosum, 3 .... Linn.	RATTLESNAKE W.	04
168	"	paniculatum, 3 .....	PAN. HAWKWEED.	04
169	Hypericum	perforatum, 3 .... "	ST. JOHN'S WORT	04
170	"	mutilum, 1 .....	SMALL "	05
171	"	Canadense, 1 .... "	CAN. "	05
172	"	Sarothra, 1 .... Michx	ORANGE-GRASS.	04
173	Hypopitys	lanuginosa, .... Nutt.	PINE-SAP, &c.	04
174	Impatiens	fulva, 1 .....	TOUCH-ME-NOT. †	04
175	Inula	Helenium, 3 .... Linn.	ELECAMPANE. †	04
176	Iris	versicolor, 3 .....	BLUE FLAG. †	04
177	Isanthus	cæruleus, 1 .... Michx	F. PENNYROYAL.	04
178	Juncus	effusus, 3 .... Linn.	SOFT RUSH.	04
179	"	tenuis, 3 .... Willd.		05
180	Krigia	Virginica, 1-3 .....	D. DANDELION.	05
181	Lactuca	elongata, .... Muhl.	WILD LETTUCE,	04
182	Lamium	amplexicaule, 1 .... Linn.	DEAD-NETTLE.	04
183	Lappa	major, 2 .... Gärtn.	BURDOCK. †	04
184	Lechea	minor, 3 .... Lam.	SMALL PINWEED.	04
185	Lespedeza	repens, 3 Torr & Gr.		04
186	"	violacea, 3 .... Pers.	BUSH CLOVER.	05
187	"	hirta, 3 .... Ell.		04
188	Leucanthemum	vulgare, 3 .... Lam.	OX-EYE DAISY.	05
189	Lilium	Philadelphicum, 3 .... Linn.	ORANGE-RED LILY	05
190	"	Canadense, 3 .....	WILD YELLOW "	04
191	"	superbum, 3 .....	TURK'S-CAP "	05
192	Linaria	vulgaris, 3 .... Mill.	TOAD FLAX.	05
193	Linum	Virginianum, 2-3 .... Linn.	WILD "	04
194	"	usitatissimum, 1 .... "	COMMON FLAX.	05
195	Lithospermum	arvense, 1 .... "	CORN GROMWELL	04
196	Lobelia	cardinalis, 3 .... "	CAR. FLOWER. †	04
197	"	syphilitica, 3 .... "	GREAT LOBELIA. †	05
198	"	inflata, 2 .....	INDIAN TOBACCO.	05

# HERBACEOUS PLANTS.

NAME.		COMMON NAME.	PRICE
199	<i>Lophanthus nepetoides</i> , 3 <i>Benth.</i>	GIANT HYSSOP.	04
200	„ <i>scrophulariaefolius</i> 3 „		04
	<i>Lychnis Githago</i> , see No. 6. <i>Lam.</i>		04
201	<i>Lycopodium lucidulum</i> , 3 <i>Michx.</i>		04
202	„ <i>dendroideum</i> , 3 „	GROUND-PINE.	05
203	„ <i>complanatum</i> , 3 <i>Linn</i>		05
402	<i>Lycopus Virginicus</i> , 3..... „	BUGLE-WEED. †	04
205	„ <i>sinuatus</i> , 3..... <i>Ell.</i>		04
206	<i>Lysimachia stricta</i> , 3..... <i>Ait.</i>	LOOSESTRIFE.	04
207	„ <i>quadrifolia</i> , 3.... <i>Linn.</i>		04
208	„ <i>ciliata</i> , 3..... „		04
209	<i>Ludwigia alternifolia</i> , 3 .... „	SEED-BOX.	04
210	<i>Lupinus perennis</i> , 3..... „	WILD LUPINE.	04
211	<i>Malva rotundifolia</i> , 3..... „	DWARF MALLOW.	05
212	<i>Marrubium vulgare</i> , 3..... „	HOREHOUND. †	05
213	<i>Maruta Cotula</i> , 1..... <i>DC.</i>	MAY-WEED. †	04
214	<i>Medeola Virginica</i> , 3..... <i>Linn.</i>		04
215	<i>Medicago lupulina</i> , 2..... „	BLACK MEDICK.	04
216	<i>Melissa officinalis</i> , 3..... „	BALM. †	04
217	<i>Mentha viridis</i> , 3..... „	SPEARMINT. †	04
218	„ <i>piperita</i> , 3..... „	PEPPERMINT. †	05
219	„ <i>Canadensis</i> , 3..... „	WILD MINT.	04
220	<i>Mertensia Virginica</i> , 3 .... <i>DC.</i>	VIR. COWSLIP. †	05
221	<i>Mimulus ringens</i> , 3..... <i>Linn.</i>	MONKEY-FLOWER.	05
222	<i>Mitchella repens</i> , ..... „	PARTRIDGE-BERRY	04
223	<i>Monarda fistulosa</i> , 3..... „	WILD BERGAMOT.	05
224	„ <i>punctata</i> , 1-2 .... „	HORSE-MINT. †	05
225	<i>Monotropa uniflora</i> , ..... „	INDIAN PIPE. †	04
226	<i>Nabalus alba</i> , 3..... <i>Hook.</i>	WHITE LETTUCE.	05
227	„ <i>altissimus</i> , 3..... „	TALL W. „	04
228	<i>Nepeta Cataria</i> , 3..... <i>Lnn.</i>	CATNIP. †	04
229	<i>Oenothera biennis</i> , 1-2..... „	EVE. PRIMROSE.	05
230	„ <i>pumila</i> , 2-3..... „		05


# HERBACEOUS PLANTS.

NAME.	COMMON NAME.   PRICE
231 <i>Ornithogalum umbellatum</i> , Linn.	STAR-OF-BETHLE. 04
232 <i>Osmorrhiza longistylis</i> , 3 .... DC.	SWEET CICILY. 04
233       " <i>brevistylis</i> , 3 .... "	HAIRY S. " 04
234 <i>Oxalis Acetosella</i> , ..... Linn.	WOOD-SORREL. 04
235       " <i>violacea</i> , ..... "	VIOLET W. " 05
236       " <i>stricta</i> , ..... "	YELLOW " " 05
<i>Panax quinquefolium</i> , see No. 21.,	04
" <i>trifolium</i> , see No. 22 ....	04
237 <i>Pastinaca sativa</i> , 2 ..... "	PARSNIP. 04
238 <i>Penthorum sedoides</i> , 3 ..... "	D. STONE-CROP. 04
239 <i>Penstemon pubescens</i> , 3 .... Sol.	04
240 <i>Phacelia parviflora</i> , 1 .... Pursh.	04
241 <i>Phleum pratense</i> , 3 ..... Linn.	TIMOTHY, &c. 04
242 <i>Phlox maculata</i> , 3 ..... "	SPOTTED PHLOX. 05
243       " <i>divaricata</i> , 3 ..... "	EARLY FLOW. " 05
244 <i>Phryma Leptostachya</i> , 3 .... "	LOPSEED. 04
245 <i>Physalis viscosa</i> , 3 ..... "	GROUND CHERRY. 04
246 <i>Phytolacca decandra</i> , 3 ..... "	POKEWEED. † 04
247 <i>Pilea pumila</i> , 1 ..... Lindl.	CLEARWEED. 04
248 <i>Plantago Virginica</i> , 1-2 .... Linn.	VIR. PLANTAIN. 04
249       " <i>major</i> , 3 ..... "	COMMON " 05
250       " <i>lanceolata</i> , 3 ..... "	LANCE-LEAVED " 04
251 <i>Polygonatum canaliculatum</i> , 3 Pur	G. SOLOMON'S S. 05
252 <i>Polygonum orientale</i> , 1 .... Linn.	05
253       " <i>Persicaria</i> , 1 .... "	LADY'S THUMB. 04
254       " <i>Hydropiper</i> , 1 .... "	SMART-WEED, &c, 05
255       " <i>Virginianum</i> , 3 .... "	05
256       " <i>arifolium</i> , 1 .... "	04
257       " <i>sagittatum</i> , 1 .... "	SCRATCH-GRASS. 05
258       " <i>Convolvulus</i> , 1 .... "	BLACK BINDWEED 04
259       " <i>dumeratum</i> , 1 .... "	F. BUCKWHEAT. 04
260       " <i>erectum</i> , 3 .... Roth.	05
261       " <i>tenuis</i> , 1 ..... Michx	S. KNOT-GRASS. 05

# HERBACEOUS PLANTS.

NAME.	COMMON NAME.   PRICE
Polygonum Fagopyrum, see No 139 L.	04
262 Potentilla Canadensis, 3 Linn.	FIVE FINGER, &c. 04
263 Prunella vulgaris, 3 . . . . . "	HEAL-ALL. † 04
264 Pyrola rotundifolia, 3 . . . . . "	04
265 " elliptica, 3 . . . . . Nutt.	SHIN-LEAF. 05
266 Rhexia Virginica, 3 . . . . . Linn.	MEADOW BEAUTY. 05
267 Rudbeckia hirta, . . . . . "	CONE-FLOWER. 04
268 Rumex verticillatus, . . . . . "	SWAMP-DOCK. 04
269 " obtusifolius, . . . . . "	BITTER " 04
270 " crispus, . . . . . "	CURLED " 04
271 " Acetosella, . . . . . "	SHEEP SORREL. 04
272 Sabbatia angularis, 2 . . . . Pursh.	CENTAURY. † 04
273 Sanguinaria Canadensis, 3 Linn.	BLOOD-ROOT. † 04
274 Saponaria officinalis, 3 . . . . . "	SOAPWORT. 05
Sarothra gentianoides, see 172 "	05
275 Saxifraga Virginiana, . . . . Michx.	04
276 Scrophularia nodosa, 3 . . . . Linn.	FIGWORT. † 04
277 Scutellaria lateriflora, 3 . . . . "	SKULLCAP. † 04
278 " galericulata, 3 . . . . . "	04
279 " serrata, 3 Andrews.	04
280 Sedum ternatum, 3 . . . . . Michx.	STONE-CROP. 05
281 " telephium, 3 . . . . . "	OREINT. 04
282 Senecio aureus, 3 . . . . . Linn.	GOLD. RAGWORT. 05
283 Sisyrinchium Bermudiana, "	BLUE-EYED GRASS 05
284 Smilacina racemosa, 3 . . . . Defs.	FALSE SPIKENARD 04
285 " bifolia, 3 . . . . . Ker.	05
286 Solanum nigrum, 1 . . . . . Linn.	NIGHTSHADE. 05
287 " Dulcamara, . . . . . "	BITTERSWEET. † 04
288 Solea concolor, 3 . . . . . Ging.	GREEN VIOLET. 05
289 Solidago concolor, 3 Torr. & G.	04
290 " bicolor, 3 . . . . . Linn.	04
291 " altissima, 3 . . . . . "	05
292 " cæsia, 3 . . . . . "	05

# HERBACEOUS PLANTS.

NAME.		COMMON NAME.	PRICE
293	<i>Solidago latifolia</i> , 3 ..... <i>Linn.</i>		04
294	„ <i>Canadensis</i> , 3 ..... „		04
295	„ <i>lanceolata</i> , 3 ..... „		04
296	„ <i>odora</i> , 3 ..... <i>Ait.</i>	GOLDEN-ROD. †	04
297	„ <i>arguta</i> , 3 ..... „		05
298	<i>Stellaria media</i> , 1-2 ..... <i>Smith.</i>	CHICKWEED.	05
299	<i>Symphytum officinale</i> , 3 ..... <i>Linn.</i>	COMFREY. †	04
300	<i>Taraxacum Dens-leonis</i> , 3 ..... <i>Desf.</i>	DANDELION, †	04
301	<i>Teucrium Canadense</i> , 3 ..... <i>Linn.</i>	WOOD SAGE.	04
302	<i>Thalictrum dioicum</i> , 3 ..... „	E. MEADOW RUE.	04
303	„ <i>anemonoides</i> , 3 <i>Michx.</i>	RUE ANEMONE	04
	<i>Thlaspi Bursa-pastoris</i> , see 63. <i>Linn.</i>		04
304	<i>Trichostema dichotomum</i> , 1 ..... „	BLUE CURLS.	04
305	<i>Trifolium arvense</i> , 1 ..... „	RABBIT-FOOT C.	05
306	„ <i>pratense</i> , 2-3 ..... „	RED CLOVER.	05
307	„ <i>repens</i> , 3 ..... „	WHITE „	04
308	„ <i>procumbens</i> , 1 ..... „	LOW HOP C.	04
309	<i>Trillium erythrocarpum</i> , 3 <i>Michx.</i>	PAINTED TRIL. †	04
310	<i>Triosteum perfoliatum</i> , 3 ..... <i>Linn.</i>	FEVER-WORT. †	04
311	<i>Tussilago Farfara</i> , 3 ..... „	COLTSFOOT. †	04
312	<i>Urtica dioica</i> , 3 ..... „	NETTLE. †	05
313	<i>Uvularia perfoliata</i> , 3 ..... „	BELLWORT.	04
314	„ <i>sessilifolia</i> , 3 ..... „		05
315	<i>Veratrum viride</i> , 3 ..... <i>Ait.</i>	INDIAN POKE. †	05
316	<i>Verbascum Thapsus</i> , 2 ..... <i>Linn.</i>	MULLEIN. †	04
317	<i>Verbena hastata</i> , 3 ..... „	BLUE VERVAIN. †	05
318	<i>Veronica Americana</i> , 3 <i>Schweinitz</i>	BLOOCLIME. 	05
319	<i>Vicia Americana</i> 3 ..... <i>Muhl.</i>	AMERICAN VETCH	04
320	<i>Viola cucullata</i> , 3 ..... <i>Ait.</i>		05
321	„ <i>striata</i> , 3 ..... „	PALE VIOLET.	04
322	„ <i>pedata</i> , 3 ..... <i>Linn.</i>	BIRD-FOOT V.	04
323	„ <i>palmata</i> , 3 ..... „		05
324	„ <i>lanceolata</i> , 3 ..... „		05



# BOG PLANTS.

NAME.			COMMON NAME.	PRICE
325	<i>Viola pubescens</i> , 3	<i>Ait.</i>	YELLOW VIOLET.	04
326	„ <i>hastata</i> , 3	<i>Michx.</i>	HALBERT L. „	04
327	<i>Xanthium strumarium</i> , 1	<i>Linn</i>	COCKLE-BURR.	04
328	<i>Alopecurus pratensis</i> , 3	„	MEADOW FOXTAIL	04
329	<i>Draba verna</i> , 2	„	WHITLOW GRASS.	05
330	<i>Mitella diphylla</i> , 3	„	MITRE-WORT.	05
331	<i>Oenothera fruticosa</i> , 2-3	„	SUNDROPS.	04
332	<i>Pentstemon lævigaius</i> , 3	<i>Solander.</i>		04
333	<i>Phlox suaveolens</i> , 3	<i>Ait.</i>		04
334	<i>Synplocarpus fœtidus</i> , 3	<i>Salisb</i>	SKUNK CABBAGE. †	04

## BOG PLANTS.

335	<i>Acorus Calamus</i> , . . . . .	<i>Linn.</i>	CALAMUS. †	04
	<i>Caltha palustris</i> , see No. 58			
336	<i>Elodes Virginica</i> , . . . . .	<i>Nutt.</i>		04
337	<i>Menanthes trifoliata</i> , . . . . .	<i>Linn.</i>	BUCKBEAN.	04
338	<i>Sagittaria variabilis</i> , . . . .	<i>Engelm.</i>	ARROW-HEAD.	04
339	<i>Saururus cernus</i> , . . . . .	<i>Linn.</i>	LIZARDS-TAIL.	05

## ORCHIDS.

340	<i>Corallorhiza multiflora</i> , . . . .	<i>Nutt.</i>	L. CORAL-ROOT.	05
341	„ <i>odontorhiza</i> , . . . . „	„	S. „ „	05
342	<i>Goodyera pubescens</i> , . . . . .	<i>Willd</i>		04
343	<i>Liparis liliifolia</i> , . . . . .	<i>Rich.</i>	PUR. TWAYBLADE.	04
344	<i>Pogonia ophioglossoides</i> , . . .	<i>Nutt.</i>		05
345	„ <i>verticillata</i> , . . . . .	„		04
346	<i>Platanthera ciliaris</i> , . . . . .	<i>Lindl.</i>		05
347	<i>Spiranthes gracilis</i> , . . . . .	<i>Bigelow</i>	LADIES' TRESSES.	05
348	„ <i>cernua</i> , . . . . .	<i>Richard.</i>		04

**Errata.** Read *Cimifuga racemosa* for No. 76.  
 Read 395*a* before *Prinos verticillatus*.

# FERNS.

NAME.		COMMON NAME.	PRICE.
349	<i>Adiantum pedatum</i> , . . . . . <i>Linn.</i>	MAIDEN HAIR F.	04
350	<i>Aspidium spinulosum</i> , . . . . . <i>Swz.</i>	SPIN. WOOD F.	04
351	„ <i>Noveboracense</i> , . . . . . „	N. Y. SHIELD F.	04
352	„ <i>acrostichoides</i> , . . . . . „	CHRISTMAS FERN	04
353	„ <i>Goldianum</i> , . . . . . <i>Hook</i>	GOLDIE'S W, „	05
354	„ <i>cristatum</i> , . . . . . <i>Swartz</i>	CRESTED „ „	05
355	<i>Asplenium angustifolium</i> , <i>Michx.</i>		04
356	„ <i>thelypteroides</i> , . . . . . „	SIL. SPLEENWORT	04
357	„ <i>ebeneum</i> , . . . . . <i>Ait.</i>	EBONY „	04
358	„ <i>Trichomanes</i> , . . . . . <i>Linn.</i>	MAIDEN-HAIR „	04
359	<i>Botrychium Virginicum</i> , <i>Swartz.</i>	V. GRAPE FERN,	04
360	„ <i>dissectum</i> , . . . . . <i>Willd</i>	CUT-LEAVED M.	04
361	„ <i>obliquium</i> , . . . . . „		04
362	<i>Camptosorus rhizophyllus</i> , <i>Link</i>	WALKING-LEAF.	05
363	<i>Cryptopteris bulbifera</i> , . . . . . <i>Bernh</i>	BLADDER-FERN.	05
364	„ <i>fragilis</i> , . . . . . „	BRITTLE „	04
365	<i>Dicksonia pilosiuscula</i> , . . . . . <i>Willd</i>	HAY-SCENTED F.	04
366	<i>Onoclea sensibilis</i> , . . . . . <i>Linn.</i>	SENSITIVE FERN.	04
367	<i>Osmunda cinnamomea</i> , . . . . . „	CINNAMON „	04
368	„ <i>Claytoniana</i> , . . . . . „	FLOWERING „	04
369	„ <i>regalis</i> , . . . . . „	ROYAL „	05
370	<i>Pelæa gracilis</i> , . . . . . <i>Hook.</i>	S. CLIFF BRAKE.	04
371	<i>Phegopteris Dryopteris</i> , . . . . . <i>Fee</i>	OAK FERN	05
372	„ <i>hexagonoptera</i> , . . . . . „	BEECH „	05
373	<i>Polypodium vulgare</i> , . . . . . <i>Linn.</i>		04
374	<i>Pteris aquilina</i> , . . . . . „	BRACKEN.	04
375	<i>Struthiopteris, Germanica</i> , <i>Willd</i>	OSTRICH FERN.	05

## SHRUBS.

376	<i>Alnus incana</i> , . . . . . <i>Willd.</i>	HOARY ALDER,	04
377	<i>Amelanchier Canadensis</i> , <i>T. &amp; G.</i>	JUNE-BERRY.	05
378	<i>Asimina triloba</i> , . . . . . <i>Dunal</i>	PAPAW.	05
379	<i>Benzoin odoriferum</i> , . . . . . <i>Nees.</i>	SPICE-BUSH,	04

# SHRUBS.

BOTANICAL NAME.		COMMON NAME.	PRICE
380	<i>Castanea pumila</i> , . . . . . Michx.	CHINQUAPIN.	05
381	<i>Ceanothus Americanus</i> , . . . . Linn	NEW JERSEY TEA.	04
382	<i>Celastrus scandens</i> , . . . . . "	BITTER-SWEET, †	04
383	<i>Cephalanthus occidentalis</i> , . . . . . "	BUTTON-BUSH.	04
384	<i>Cornus sericea</i> , . . . . . "	SWAMP DOGWOOD	05
385	" <i>florida</i> , . . . . . "	COMMON "	05
386	<i>Cratægus coccinea</i> , . . . . . "		04
387	" <i>tomentosa</i> , . . . . . "	PEAR THORN.	04
388	" <i>punctata</i> , . . . . . Jacq.	DOTTED "	05
389	<i>Euonymus atropurpureus</i> , . . . . . "	BURNING BUSH.	04
390	" <i>Americanus</i> , . . . . . Linn.	STRAWBERRY "	04
391	<i>Hamelis Virginica</i> , . . . . . "	WITCH-HAZEL. †	04
392	<i>Juniperus communis</i> , . . . . . "	JUNIPER. †	04
393	" <i>Virginiana</i> , . . . . . "	RED CEDAR. †	04
394	<i>Kalmia latifolia</i> , . . . . . "	MOUNT. LAUREL,	05
395	" <i>angustifolia</i> , . . . . . "	SHEEP "	05
395	<i>Prinos verticillatus</i> , . . . . . "	BLACK ALDER. †	05
396	<i>Rhus glabra</i> , . . . . . "	SMOOTH SUMACH.	04
397	" <i>copallina</i> , . . . . . "	DWARF "	04
398	" <i>Toxicodendron</i> , . . . . . "	POISON OAK.	05
399	" <i>venenata</i> , . . . . . DC.	" SUMACH.	05
400	<i>Rosa lucida</i> , . . . . . Ehrh.	LOW WILD ROSE.	05
401	" <i>Carolina</i> , . . . . . Linn.	SWAMP "	05
402	<i>Sambucus Canadensis</i> , . . . . . "	ELDER †	04
403	<i>Styphylea trifolia</i> , . . . . . "	BLADDER-NUT.	05
404	<i>Viburnum prunifolium</i> , . . . . . "	BLACK HAW.	04
405	" <i>Lentago</i> , . . . . . "		04
406	" <i>acrifolium</i> , . . . . . "		05
407	<i>Cercis Canadensis</i> , . . . . . "	RED-BUD.	04
408	<i>Diervilla trifida</i> , . . . . . Manch.		04
409	<i>Lonicera grata</i> , . . . . . Ait.	A. WOODBINE.	05
410	<i>Spiræa corybosa</i> , . . . . . Raf.		04
411	" <i>tomentosa</i> , . . . . . Linn.		05

# FOREST TREES.

BOTANICAL NAME.			COMMON NAME.	PRICE
412	<i>Acer rubrum</i> , . . . . .	<i>Linn.</i>	RED MAPLE.	05
413	<i>Carya alba</i> , . . . . .	<i>Nutt.</i>	SHELL-BARK HICK.	04
414	„ <i>tomentosa</i> ,	„	WHITE-HEART „	04
415	„ <i>glabra</i> ,	<i>Torr.</i>	PIG-NUT HICKORY.	05
416	<i>Castanea vesca</i> , . . . . .	„	CHESTNUT.	05
417	<i>Fagus ferruginea</i> , . . . . .	<i>Ait.</i>	AMERICAN BEECH.	04
418	<i>Fraxinus Americana</i> , . . . . .	<i>Linn.</i>	WHITE ASH.	04
419	<i>Ilex opaca</i> , . . . . .	<i>Ait.</i>	AMERICAN HOLLY.	05
420	<i>Juglans cinerea</i> , . . . . .	<i>Linn.</i>	WHITE WALNUT.	05
421	„ <i>nigra</i> ,	„	BLACK „	05
422	<i>Liquidamber styraciflua</i> ,	„	SWEET GUM.	04
423	<i>Liriodendron tulipifera</i> ,	„	YELLOW POPLAR.	05
424	<i>Morus rubra</i> ,	„	RED MULBERRY.	05
425	<i>Pinus inops</i> ,	<i>Ait.</i>	SCRUB PINE.	04
426	„ <i>rigida</i> ,	<i>Miller</i> ,	PITCH „	04
427	„ <i>strobis</i> ,	<i>Linn.</i>	WHITE „	04
428	<i>Platanus occidentalis</i> ,	„	BUTTONWOOD.	04
429	<i>populus tremuloides</i> ,	<i>Michx.</i>	QUAKING ASP.	05
430	<i>Quercus alba</i> , . . . . .	<i>Linn.</i>	WHITE OAK.	04
431	„ <i>rubra</i> ,	„	RED OAK.	04
432	„ <i>montana</i> ,	<i>Willd.</i>	CHESTNUT OAK.	05
433	„ <i>prinoides</i> ,	„	CHINQUAPIN „	04
434	„ <i>falcata</i> ,	<i>Michx.</i>	SPANISH „	05
435	<i>Robinia Psudacacia</i> ,	<i>Linn.</i>	LOCUST-TREE.	05
436	<i>Sassafras officinale</i> ,	<i>Nees.</i>	SASSAFRAS. †	04
437	<i>Betula lenta</i> , . . . . .	<i>LINN</i>	CHERRY BIRCH.	04
438	„ <i>nigra</i> , . . . . .	„	RIVER „	04
439	<i>Diospyrus Virginiana</i> ,	„	PERSIMMON.	04
440	<i>Ulmus Americana</i> ,	„	WHITE ELM.	05
441	„ <i>fulva</i> ,	<i>Michx.</i>	SLIPPERY ELM, †	05
442	<i>Abies Canadensis</i> ,	„	HEMLOCK. †	05
443	<i>Clematis Virginiana</i> , (vine.)	<i>LINN.</i>	VIRGIN'S BOWER.	05
444	<i>Menispermum Canadense</i> , (V.)	„	CAN. MOONSEED.	05

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## MINERALS from my COLLECTION.

Those specimens are as represented. Other desirable specimens taken in exchange. Send for list of several hundred. Order by number.

No.		Price.	Postage.
1	DEWEYLITE, from Lancaster Co., Pa. 3 ounces nearly; a fine specimen; \$	25	3
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3	FOLIATED TALC, Nottingham, Chester Co., Pa. 6½ ounces; greenish white, fine;	20	6
4	FIBROUS ASBESTOS, Shubrooke, Pa.; 1¼ ounces, very fine;	10	2
5	TREMOLITE, Cumberland, R. I.; 4 ounces, good;	20	4
6	AMPHIBOLE, Milford, Mass.; 6½ ounces, fine, black;	20	7
7	LIGNIFORM ASBESTOS, Nottingham, Chester Co., Pa.; 12½ ounces; hard, fine;	20	13
8	BRUCITE, Texas, Lancaster Co., Pa.; 4½ oz., fine;	30	4
9	JEFFERISITE, Chester Co., Pa.; 1 ounce, extra fine;	10	1
10	ANTHOPHYLLITE, Burlington, Ct.; 8¾ ounces, in ste- atite, grayish, fine specimen;	30	9
11	GLASSY ACTINOLITE in STEATITE, Cranston, R. I.; 6¼ oz., green color, very fine;	30	6
12	„ „ in STEATITE, Cranston, R. I.; rare form, 5 ounces, fine;	25	5
13	MARMOLITE, Hoboken, N. J.; 3½ ounces, good;	10	4
14	KEROLITE, Texas, Lancaster Co., Pa. 3¼ oz., good;	15	3
15	BRONZITE, Bare Hills, Md.; 9 ounces, fine;	30	9
16	ENSTATITE, Texas, Lancaster Co., Pa.; 4¾ oz., fine;	15	5
17	HORNBLende, Monroe, N. Y.; 8 ounces, fine;	20	8
18	PICROLITE, Hurdstown, N. J.; 7¼ oz., grey, fine;	20	7
19	„ „ Rocksprings, Md.; 4¼ oz., blueish, good;	10	4
20	TREMOLITE, Newbury, Mass.; 9 ounces, fine;	30	9
21	SERPENTINE, Chester Co., Pa.; 6 ounces, polished, variegated in color, fine;	20	6
22	SNOWY GYPSUM, Syracuse, N. Y.; 4¾ ounces, fine;	20	5

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RAWLINSVILLE, Pa.

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No.	Common name.	Botanical name.	Price per ounce.
68	Spice Wood.	BENZOIN ODORIFERUM.	Bark and twigs. 5
69	Spikenard.	ARALIA RACEMOSA.	Roots. 5
70	Stramonium, &c.	DATURA STRAMONIUM.	Seeds. 5
71	Strawberry.	FRAGARIA VESCA.	Entire plant. 5
72	Star Root, &c.	HELONIAS DIOICA.	Roots. 10
73	Star-grass, &c.	ALETRIS FARINOSA.	" 5
74	St. John's Wort.	HYPERICUM PERFORATUM.	Leaves, &c. 5
75	Sumach.	RHUS GLABRUM.	Bark of roots. 5
76	Sweet Gum.	LIQUIDAMBER STYRACIFLUA.	Inner bark. 3
77	Sunflower.	HELIANTHUS ANNUUS.	Seeds. 5
78	Summer Savory.	Satureja HORTENSIS.	Leaves. 5
79	Tansy.	TANACETUM VULGARE.	Leaves, &c. 5
80	Thyme.	THYMUS VULGARIS.	Leaves. 5
81	Vervain.	VERBENA HASTATA.	Roots. 5
82	Virginia Snake-root.	ARISTOLOCHIA SERPENTARIA.	Roots. 10
83	Violet.	VIOLA PEDATA.	Entire plant. 5
84	Wild Indigo.	BAPTISIA TINCTORIA.	Roots. 5
85	" Ginger,	ASARUM CANADENSE.	" 5
86	" Potato.	CONVOLVULUS PANDURATUS,	" 5
87	" Cherry.	PRUNUS VIRGINIANA.	Bark. 3
88	" Ipecacuanha.	EUPHORBIA EPECACUANHÆ.	Roots. 5
89	" Senna.	CASSIA MARILANDICA.	Leaves. 5
90	" Carrot.	DAUCUS CAROTA.	Roots 3 Seeds, 6
91	White Oak.	QUERCUS ALBA.	Bark. 3
92	" Balsam.	GUAPHALUM POLYCEPHALUM	Leaves. 4
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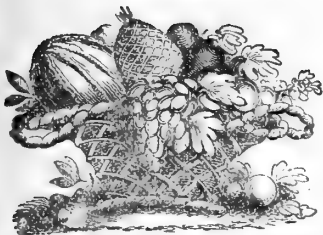
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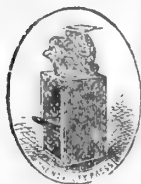


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